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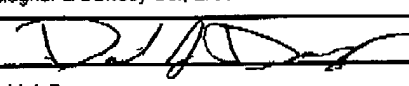
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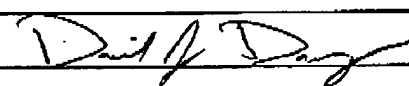
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/772,701
	Filing Date	02/05/2004
	First Named Inventor	Workman
	Art Unit	1725
	Examiner Name	Kevin P. Kerns
	Attorney Docket Number	020627.035
Total Number of Pages in This Submission		4

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Gallagher & Dawsey Co., LPA		
Signature			
Printed name	David J. Dawsey		
Date	3/22/2006	Reg. No.	51,044

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:	
Signature	
Typed or printed name	David J. Dawsey
Date	3/22/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT MAILED 3/17/2006
"Method for Repairing Defects in Metallic Substrate Using Welding"
Serial No. 10/772,701
Examiner: Kevin P. Kerns
Atty. Docket No. 020627.035
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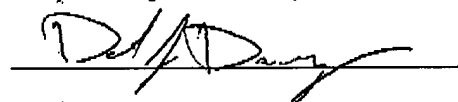
A method for repairing defects in a metallic substrate including ~~comprising~~ the steps of placing a consumable filler slug in contact with the substrate in the vicinity of the defect; bringing a first electrode and a second electrode in contact with the consumable slug and applying a pressure to the consumable slug; and transmitting electrical current between
5 the electrodes for a period, thereby resistively heating the consumable slug and the metallic substrate resulting in coalescence in a substantially liquid pool that fills the defect. The pool is then cooled to solidification under the pressure of the electrodes. The electrodes are then removed from contact with the consumable slug and excess material may be removed. The consumable slug may be formed as a single unit or multiple
10 sections, and may incorporate sacrificial retainers to add additional defect filling material, retain the pool, and seal the pool from atmosphere.

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Conclusion

In view of the above, it is submitted that this Response satisfies the Notice of Non-Compliant Amendment. Allowance of Claims 1-21 at an early date and issuance is solicited. If any question should arise with respect to the above remarks, or if it would in any way expedite the prosecution of this case, applicant's attorney would appreciate a telephone call at (614) 228-6280 extension 18.

Respectfully submitted,



David J. Dawsey

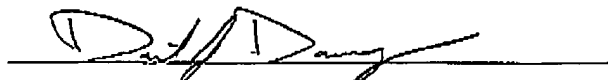
3/22/2006

Date

Gallagher & Dawsey Co., LPA
USPTO Customer No. 34,142
(614) 228-6280 extension 18 (Telephone)

CERTIFICATE OF FAX TRANSMISSION UNDER 37 CFR 1.8

I, undersigned, have transmitted the accompanying response by FAX to 571-273-8300 on March 22, 2006 at 10:05 AM to the United States Patent and Trademark Office.



David J. Dawsey